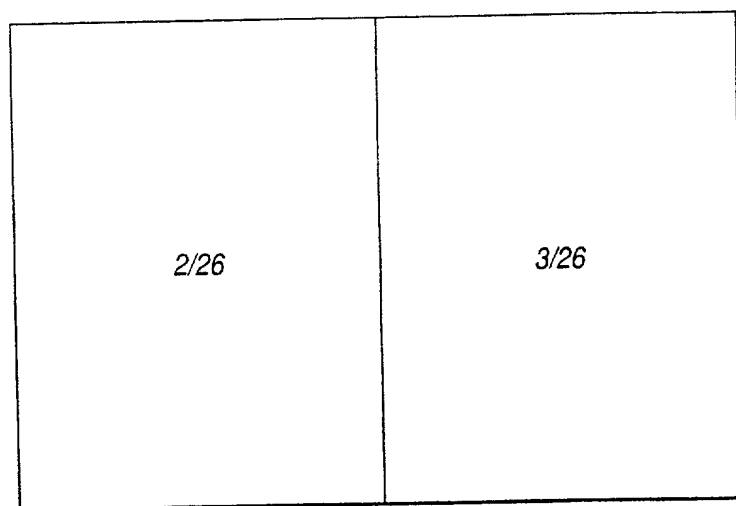


1/26



*Fig. 1*

2/26

	A	S1
Bclw	MATPASTPDT	RALVADFVGY
Bclw-Rox	MATPASTPDT	RALVADFVGY
Bclw	DEFETRFRT	FSDLAAQLHV
Bclw-Rox	DEFETRFRT	FSDLAAQLHV
Bclw	VFGAALCAES	VNKEMEPLVG
Bclw-Rox	VFGAALCAES	VNKEMEPLVG
Bclw	YGDGALEEAR	RLREGNWASV
Bclw-Rox	ARVREMEEEA	EKLKELQNEV
Bclw-Rox	IYVGNVDYGA	TAELEAHFH
Bclw-Rox	ESVRTSLALD	ESLFRGRQIK
Bclw-Rox	NSSRSRFYSG	FNSRPRGRIY

Fig. 1 (i)

3/26

KLRQKGYVCG	AGPGEGPAAD	PLHQAMRAAG	50
KLRQKGYVCG	AGPGEGPAAD	PLHQAMRAAG	50
S2			
TPGSAQQRFT	QVSDelfQGG	PNWGRLVAFF	100
TPGSAQQRFT	QVSDelfQGG	PNWGRLVAFF	100
E		S3	
QVQDWMVAYL	ETRLADWIHS	SGGWAEFTAL	150
QVQDWMVAYL	ETRLADWIHS	SGGWELEAIK	150
▲			
RTVLTGAVAL	GALVTVGAFF	ASK*	193
EKQMNMSPPP	GNAGPVIMSL	EEKMEADARS	200
GCGSVNRVTI	LCDKFSGHPK	GFAYIEFSDK	250
VIPKRTNRPG	ISTTDRGFPR	SRYRARTTNY	300
RGRARATSWY	SPY*		333

Fig. 1 (ii)

4/26

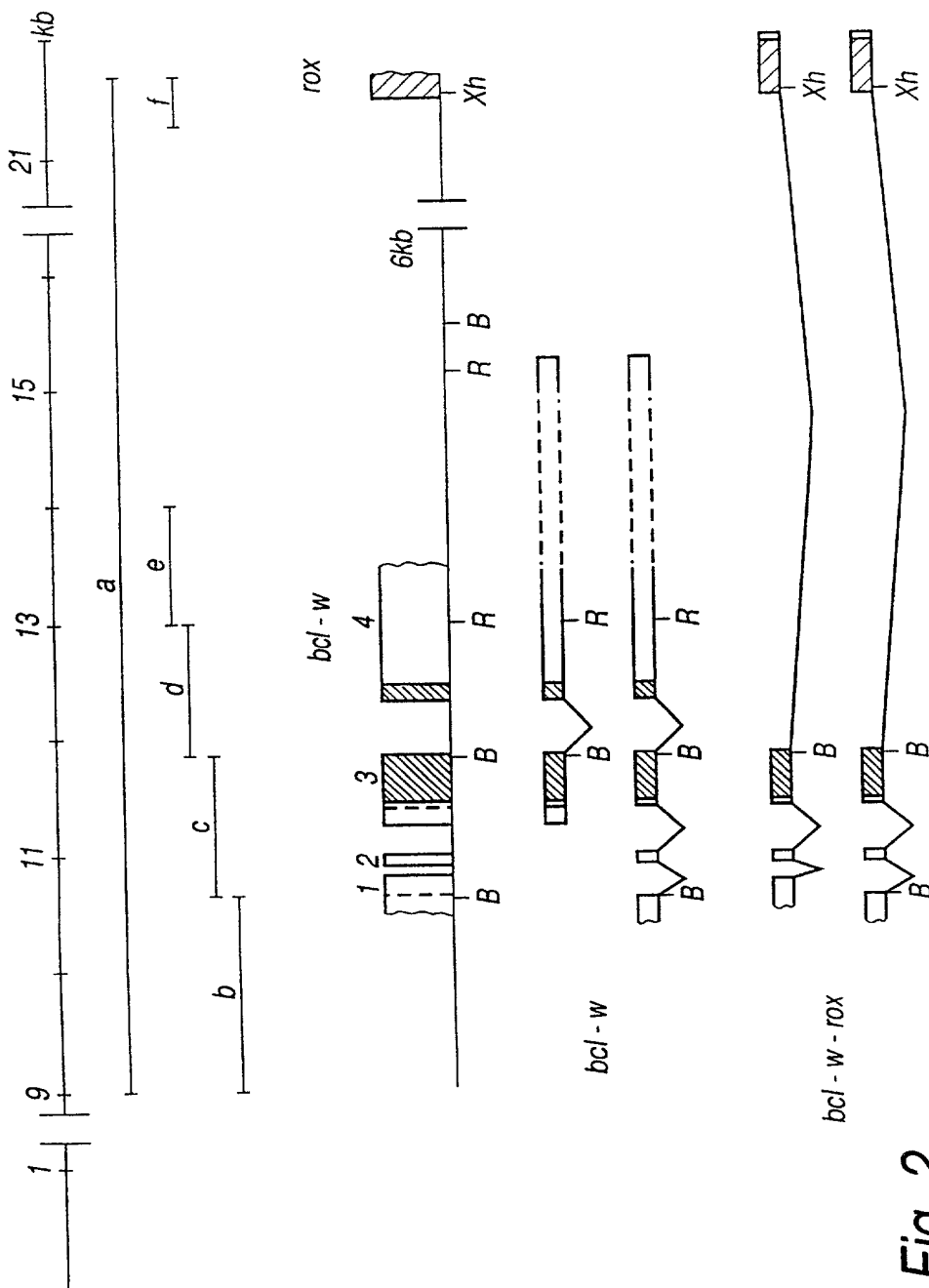


Fig. 2

5/26

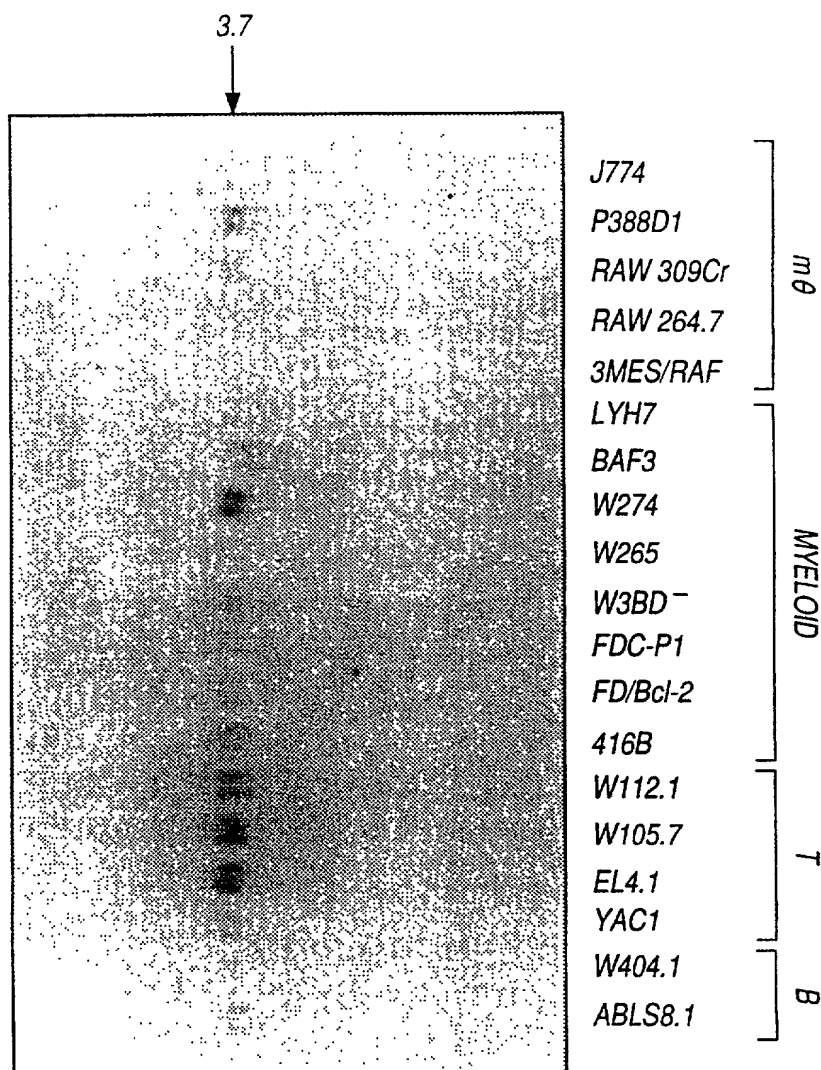


Fig. 3

6/26

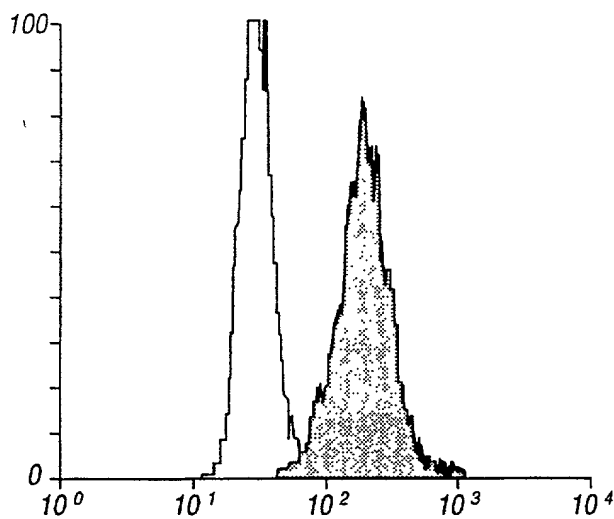


Fig. 4A

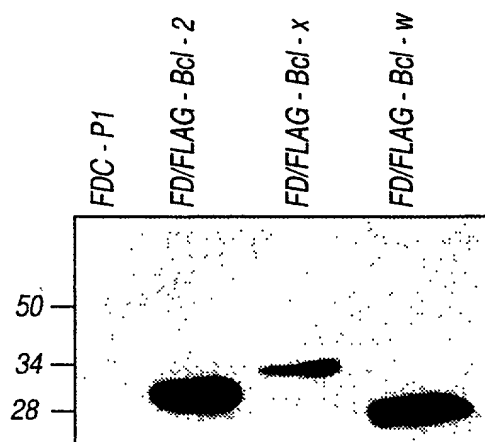


Fig. 4B

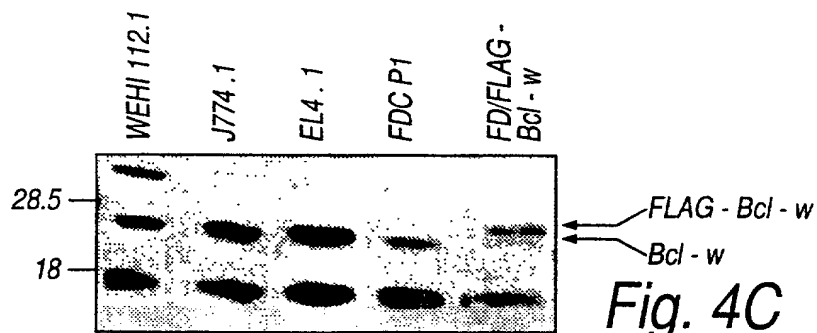


Fig. 4C

7/26

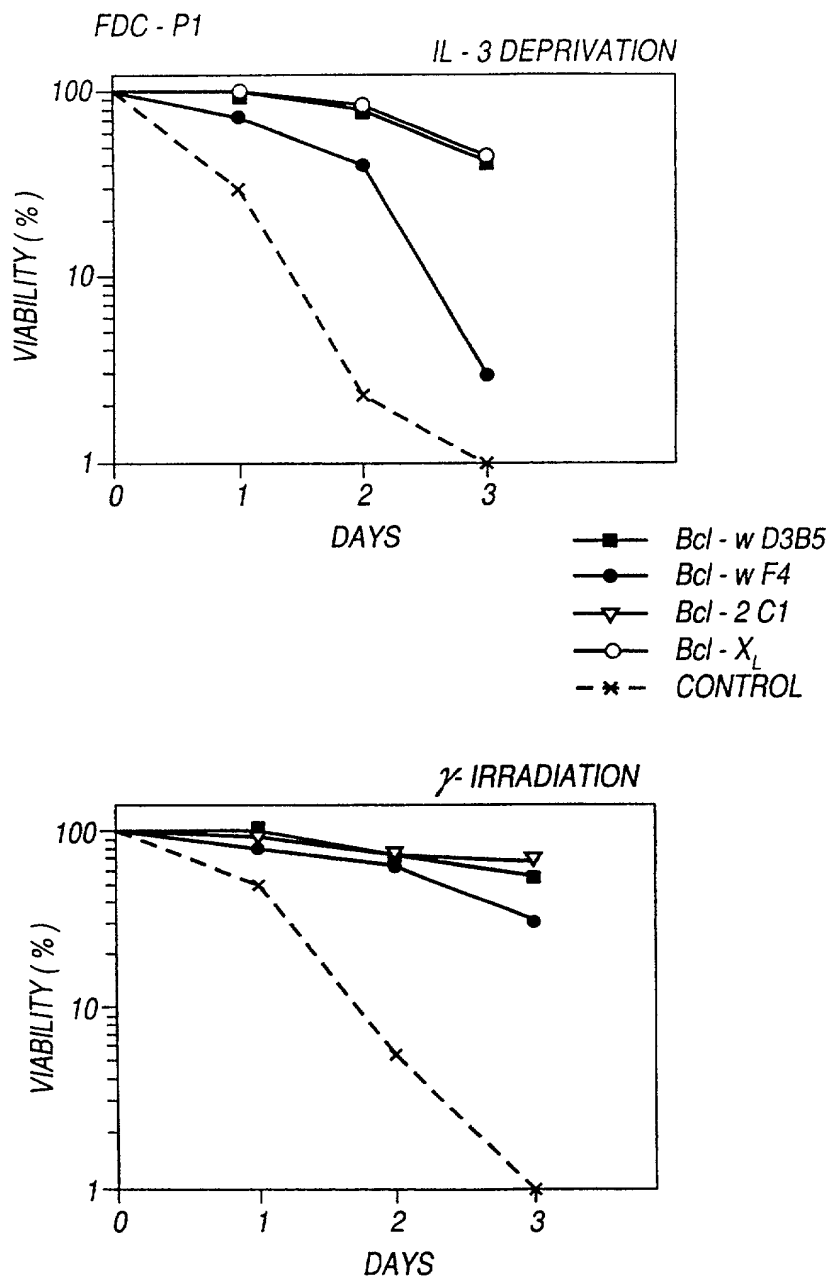


Fig. 5A

8/26

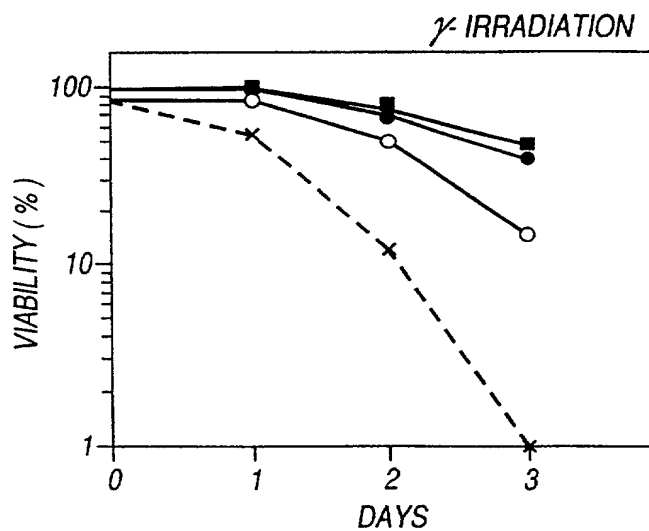
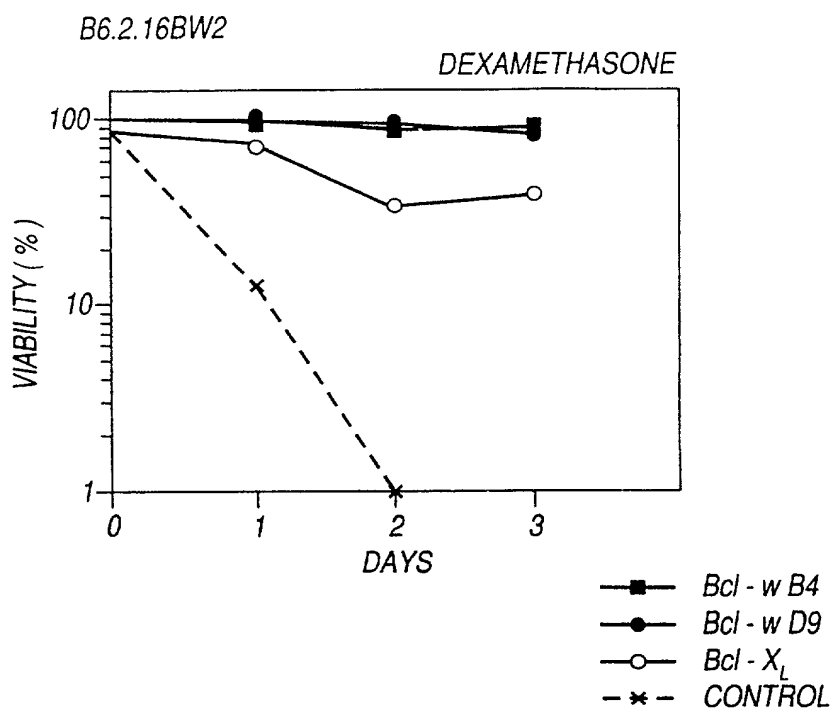


Fig. 5B



9/26

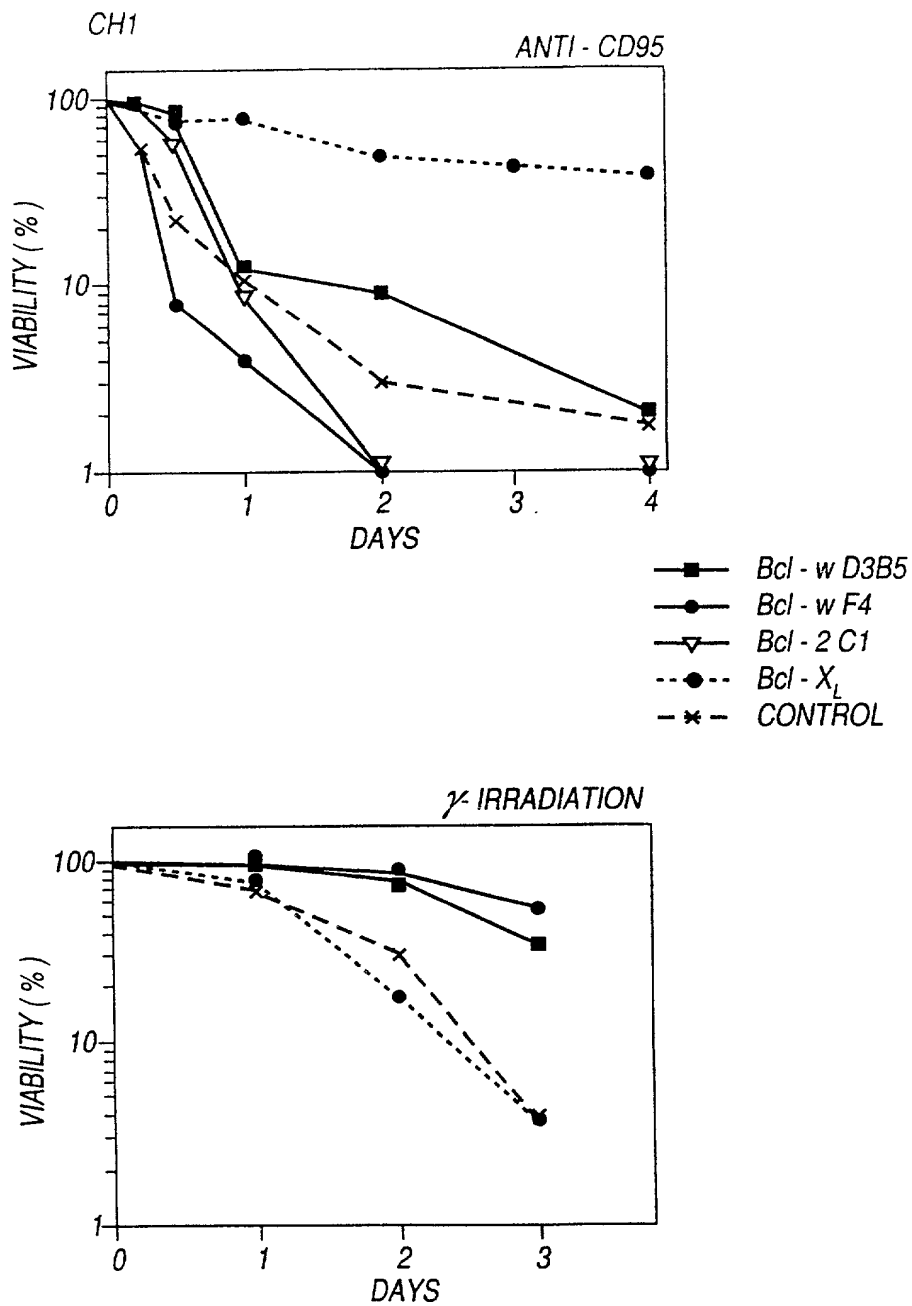


































Fig. 5C

10/26

<i>Sftp1</i>								
<i>Tcra</i>								
<i>Bclw</i>								
<i>Gja3</i>								
	59	62	3	8	0	1	1	0

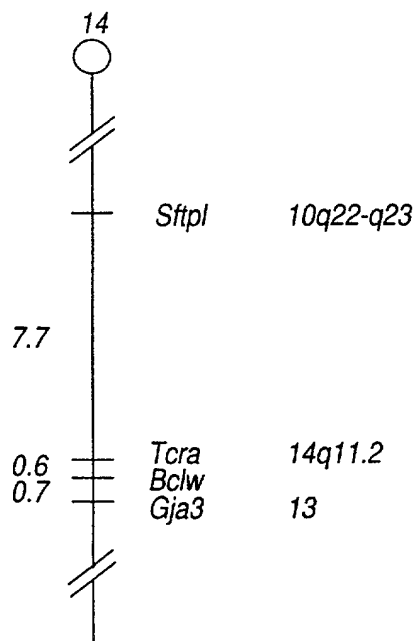


Fig. 6

- 11/26

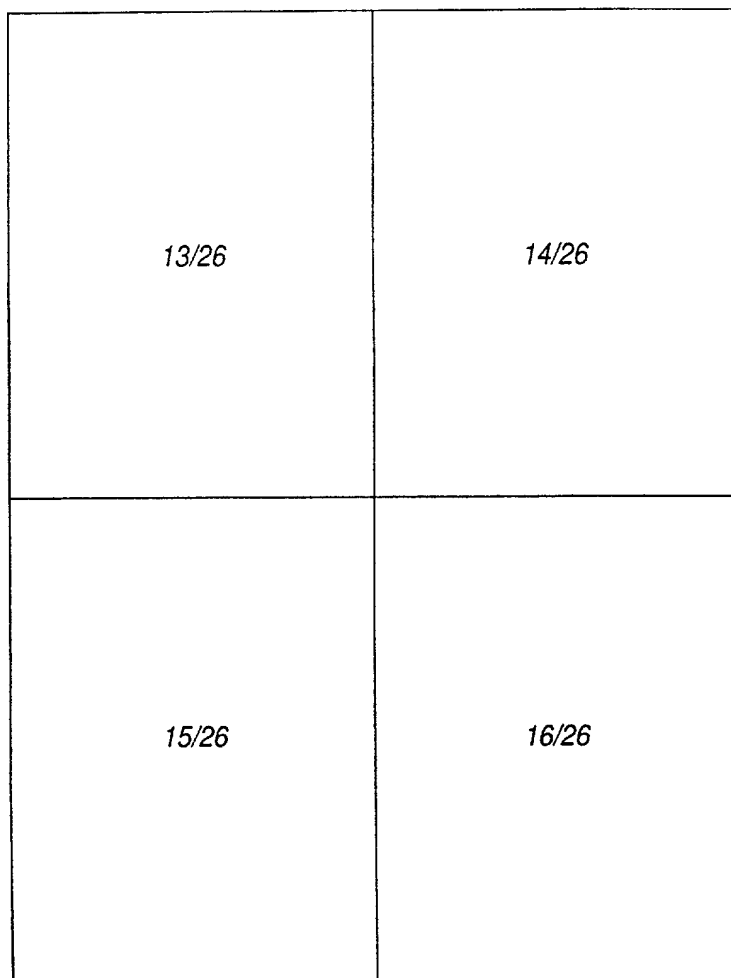


*Fig. 7A*



*Fig. 7B*

- 12/26



*Fig. 8*

13/26

S1

Bc12	MAHAGRTGYD	NREI VMKYIH	YKLSQRGYEW
Bc1x <sub>L</sub>	.....MSQS	NREL VVDFLS	YKLSQKGYSW
Bc1w	.MATPASAPD	TRALVADFVG	YKLROKGYVC
Ced9		D IEGF VVDYFT	HRIRONGMEW

Bak

MASG

Bax

Bc12	ASRDPVARTS	PLQTPAAPGA	AAGPAL....
Bc1x <sub>L</sub>	PSWH.LADSP	AVNGATGHSS	SLDARE....
Bc1w	.....	.....	.....
Ced9			

Bak	FRSYVFYRHQ	QEQAEGVAA	PADPEMVTLP
Bax	....ALLQG	FIQDRAGRMG	GEAPELALDP
Bik			

S2

Bc12	MSROLHLTP	FTARGREATV	VEELERDG.V
Bc1x <sub>L</sub>	LTSQLHITP	GTAYQSEEQV	VNELERDG.V
Bc1w	LAAQLHVTP	GSAQQRETQV	SDELFQGG.P
cED9	FCEQLLAVP	RISFSLYQDV	VRTVGNAQTD

Fig. 8 (i)

14/26

DAGDVGAAPP	GAAPAPGIFS	SQPGHTPHTA	60
SQFSDVEENR	TEAPEGTESE	METPSAINGN	54
GAGPGE.....			35
			99

QGP <del>G</del> PPR <del>Q</del> EC	<del>G</del> EPALPSASE	EQVAQDTEEV	34
MDGS <del>G</del> EQPR	<del>G</del> GGPTSSE <del>Q</del> I	MKTG.....	23

	BH3	NH1	
	▼	▼	
...SPVPPVV	HLTLRQAGDDFSRRYRRDFAE		113
...VIPMAAV	KQALREAGDEFELRYRRAFS		107
...GPAADPL	HQAMRAAGDEEETRFRRTFSD		63
	HEMMRVMTIFEKKHAENFET		132

LQPSSTMGQV	GRQLAIGDDINRRYDSEFOT	95
VPQDASTKKL	SECLKRIGDELDN..NMELQR	78

LACIGDEMD

△

△

BH1

...NWGRIV	AFEFEGG..V	MCVESVNRE	165
...NWGRIV	AFESFGG..A	LCVESVDKE	158
...NWGRIV	AFEVFGA..A	LCAESVNKE	114
QCPMSYGRLI	GLISFGGFVA	AKMMESV..E	190

Fig. 8 (ii)

15/26

Bak	MLQHLQPTA	ENAYEYFTKI	ATSLFESG.I
Bax	MIAAVD..T	DSPREVFFRV	AADMESDGNF
		△     △     △     △	
			S3
Bc12	MSPLVDNIAL	WMTEYLNHRH.	LHTWIQDNGG
Bc1x <sub>L</sub>	MQVLVSRIAA	WMATYLNDH.	LEPWIQENG
Bc1w	MEPLVGQVQE	WMVAYLETR.	LADWIHSSGG
Ced9	HQGQVRNLFV	YTSLFIKTRI	RNNWKEHNRS
Bak	LTGFLGQVTR	FVVDFMLHHC	IARWTAQRGG
Bax	VPELIRTMG	WTLDFLRERL	LG.WIQDQGG
		△	
Bc12	DFSWLSLKT	LSLAL.VGAC	ITLGAYLGHK
Bc1x <sub>L</sub>	RKGQERFNRW	FLTGMTVAGV	VLLGSLFSRK
Bc1w	EGNWASVRTV	LTGAVALGAL	VTVGAFFASK
Bak	.....GP	ILNVLVVLGV	VLLGQFVVR
Bax	.....TPT	WQTVTFVAG	VLASLTIWK

Fig. 8 ( iii )

SUBSTITUTE SHEET (RULE 26)

16/26

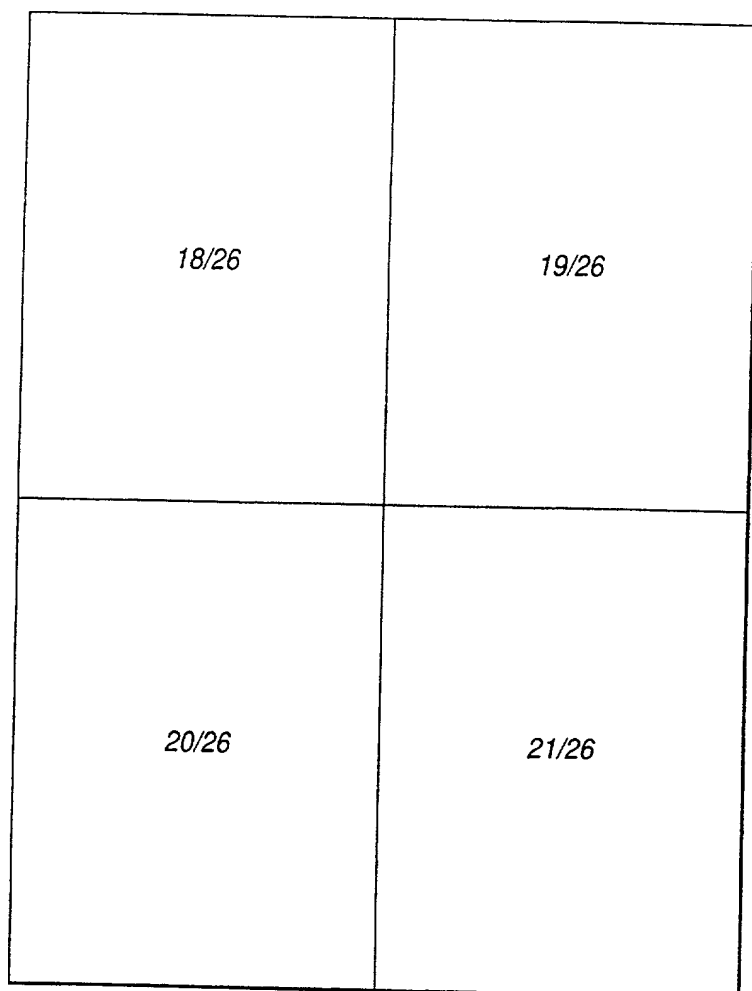
....NWGRVV	ALLGEGY..R	.LALHVYQHG	146
....NWGRVV	ALFYFAS..K	.LVLKALCTK	128
△			
BH2			
WDAFVELYG..	...PSMRPLF		210
WDTFVELYG..	...NNAAAES		203
WAEFTALYGD	GALEEARRLR		163
WDDFMTL.G.			218
WVAALNLGN.	.....		185
WDGLLSYFG.	.....		166
			239
			233
			193
FFKS			211
KMG			192

Fig. 8 (iv)

SUBSTITUTE SHEET (RULE 26)



17/26



*Fig. 9A*

18/26

ATG GCG ACC CCA GCC TCG GCC CCA GAC  
Met Ala Thr Pro Ala Ser Ala Pro Asp  
1 5

TTT GTA GGT TAT AAG CTG AGG CAG AAG  
Phe Val Gly Tyr Lys Leu Arg Gln Lys  
20 25

CCC GGG GAG GGC CCA GCA GCT GAC CCG  
Pro Gly Glu Gly Pro Ala Ala Asp Pro  
35 40

GCT GGA GAT GAG TTC GAG ACC CGC TTC  
Ala Gly Asp Glu Phe Glu Thr Arg Phe  
50 55

GCG GCT CAG CTG CAT GTG ACC CCA GGC  
Ala Ala Gln Leu His Val Thr Pro Gly  
65 70

CAG GTC TCC GAC GAA CTT TTT CAA GGG  
Gln Val Ser Asp Glu Leu Phe Gln Gly  
85

GTA GCC TTC TTT CTC TTT GGG GCT GCA  
Val Ala Phe Phe Leu Phe Gly Ala Ala  
100 105

Fig. 9A (i)

SUBSTITUTE SHEET (RULE 26)

- 19/26

ACA CGG GCT CTG GTG GCA GAC	48
Thr Arg Ala Leu Val Ala Asp	
10 15	
GGT TAT GTC TGT GGA GCT GGC	96
Gly Tyr Val Cys Gly Ala Gly	
30	
CTG CAC CAA GCC ATG CGG GCA	144
Leu His Gln Ala Met Arg Ala	
45	
CGG CGC ACC TTC TCT GAT CTG	192
Arg Arg Thr Phe Ser Asp Leu	
60	
TCA GCC CAG CAA CGC TTC ACC	240
Ser Ala Gln Gln Arg Phe Thr	
75 80	
GGC CCC AAC TGG GGC CGC CTT	288
Gly Pro Asn Trp Gly Arg Leu	
90 95	
CTG TGT GCT GAG AGT GTA AAC	336
Leu Cys Ala Glu Ser Val Asn	
110	

Fig. 9A (ii)

SUBSTITUTE SHEET (RULE 26)

20/26

AAG	GAG	ATG	GAA	CCA	CTG	GTG	GGA	CAA
Lys	Glu	Met	Glu	Pro	Leu	Val	Gly	Gln
		115					120	
TAC	CTG	GAG	ACG	CGG	CTG	GTC	GAC	TGG
Tyr	Leu	Glu	Thr	Arg	Leu	Val	Asp	Trp
	130					135		
GCG	GAG	TTC	ACA	GCT	CTA	TAC	GGG	GAC
Ala	Glu	Phe	Thr	Ala	Leu	Tyr	Gly	Asp
145					150			
CGT	CTG	CGG	GAG	GGG	AAC	TGG	GCA	TCA
Arg	Leu	Arg	Glu	Gly	Asn	Trp	Ala	Ser
			165					
GCC	GTG	GCA	CTG	GGG	GCC	CTG	GTA	ACT
Ala	Val	Ala	Leu	Gly	Ala	Leu	Val	Thr
			180				185	
AAG	TGA	A						
Lys	*							

Fig. 9A ( iii )

SUBSTITUTE SHEET (RULE 26)

- 21/26

GTG	CAG	GAG	TGG	ATG	GTG	GCC	384
Val	Gln	Glu	Trp	Met	Val	Ala	
			125				
ATC	CAC	AGC	AGT	GGG	GGC	TGG	432
Ile	His	Ser	Ser	Gly	Gly	Trp	
			140				
GGG	GCC	CTG	GAG	GAG	GCG	CGG	480
Gly	Ala	Leu	Glu	Glu	Ala	Arg	
			155			160	
GTG	AGG	ACA	GTG	CTG	ACG	GGG	528
Val	Arg	Thr	Val	Leu	Thr	Gly	
			170			175	
GTA	GGG	GCC	TTT	TTT	GCT	AGC	576
Val	Gly	Ala	Phe	Phe	Ala	Ser	
						190	
							583

*Fig. 9A ( iv )*

SUBSTITUTE SHEET (RULE 26)

22/26

23/26	24/26
25/26	26/26

*Fig. 9B*

23/26

ATG	CCG	ACC	CCA	GCC	TCA	ACC	CCA	GAC	
Met	Pro	Thr	Pro	Ala	Ser	Thr	Pro	Asp	
1				5					
TTT	GTA	GGC	TAT	AGG	CTG	AGG	CAG	AAG	
Phe	Val	Gly	Tyr	Arg	Leu	Arg	Gln	Lys	
			20					25	
CCT	GGG	GAA	GGC	CCA	GCC	GCC	GAC	CCG	
Pro	Gly	Glu	Gly	Pro	Ala	Ala	Asp	Pro	
		35					40		
GCT	GGA	GAC	GAG	TTT	GAG	ACC	CGT	TTC	
Ala	Gly	Asp	Glu	Phe	Glu	Thr	Arg	Phe	
	50					55			
GCC	GCT	CAG	CTG	CAC	GTG	ACC	CCA	GGC	
Ala	Ala	Gln	Leu	His	Val	Thr	Pro	Gly	
65					70				
CAG	GTT	TCC	GAC	GAA	CTT	TTC	CAA	GGG	
Gln	Val	Ser	Asp	Glu	Leu	Phe	Gln	Gly	
			85						
GTG	GCA	TTC	TTT	GTC	TTT	GGG	GCT	GCC	
Val	Ala	Phe	Phe	Val	Phe	Gly	Ala	Ala	
			100					105	

*Fig. 9B (i)*

SUBSTITUTE SHEET (RULE 26)

24/26

ACA	CGC	GCT	CTA	GTG	GCT	GAC	48
Thr	Arg	Ala	Leu	Val	Ala	Asp	
10						15	
GGT	TAT	GTC	TGT	GGA	GCT	GGG	96
Gly	Tyr	Val	Cys	Gly	Ala	Gly	
				30			
CTG	CAC	CAA	GCC	ATG	CGG	GCT	144
Leu	His	Gln	Ala	Met	Arg	Ala	
			45				
CGC	CGC	ACC	TTC	TCT	GAC	CTG	192
Arg	Arg	Thr	Phe	Ser	Asp	Leu	
		60					
TCA	GCC	CAG	CAA	CGC	TTC	ACC	240
Ser	Ala	Gln	Gln	Arg	Phe	Thr	
	75					80	
GGC	CCT	AAC	TGG	GGC	CGT	CTT	288
Gly	Pro	Asn	Trp	Gly	Arg	Leu	
90					95		
CTG	TGT	GCT	GAG	AGT	GTC	AAC	336
Leu	Cys	Ala	Glu	Ser	Val	Asn	
			110				

Fig. 9B (ii)

SUBSTITUTE SHEET (RULE 26)



25/26

AAA	GAA	ATG	GAG	CCT	TTG	GTG	GGA	CAA	
Lys	Glu	Met	Glu	Pro	Leu	Val	Gly	Gln	
		115					120		
TAC	CTG	GAG	ACA	CGT	CTG	GTC	GAC	TGG	
Tyr	Leu	Glu	Thr	Arg	Leu	Ala	Asp	Trp	
	130					135			
GCG	GAC	TTC	ACA	GCT	CTA	TAC	GGG	GAC	
Ala	Asp	Phe	Thr	Ala	Leu	Tyr	Gly	Asp	
145					150				
CGT	CTG	CGG	GAG	GGC	AAC	TGG	GCA	TGA	
Arg	Leu	Arg	Glu	Gly	Asn	Trp	Ala	*	
			165						
GCC	GTG	GCA	CTG	GGG	GCC	CTG	GTA	ACT	
Ala	Val	Ala	Leu	Gly	Ala	Leu	Val	Thr	
			180					185	
AAG	TG								
Lys									

Fig. 9B ( iii )

SUBSTITUTE SHEET (RULE 26)

- 26/26

GTC	CAG	GAT	TGG	ATC	GTG	GCC	384
Val	Gln	Asp	Trp	Ile	Val	Ala	
			125				
ATC	CAC	AGC	AGT	GGC	GGC	TGG	432
Ile	His	Ser	Ser	Gly	Gly	Trp	
			140				
GGG	GCC	CTG	GAG	GAC	GCA	CGG	480
Gly	Ala	Leu	Glu	Asp	Ala	Arg	
			155				160
GTG	AGC	ACA	GTG	GTG	ACG	GGG	528
Val	Ser	Thr	Val	Val	Thr	Gly	
			170				175
GTA	GGG	GCC	TTT	TTT	GCT	AGC	576
Val	Gly	Ala	Phe	Phe	Ala	Ser	
							190
							582

*Fig. 9B (iv)*

SUBSTITUTE SHEET (RULE 26)

atg gcg acc cca gcc tcg gcc cca gac aca cgg gct ctg gtg gca gac	48
Met Ala Thr Pro Ala Ser Ala Pro Asp Thr Arg Ala Leu Val Ala Asp	
1 5 10 15	
ttt gta ggt tat aag ctg agg cag aag ggt tat gtc tgt gga gct ggc	96
Phe Val Gly Tyr Lys Leu Arg Gln Lys Gly Tyr Val Cys Gly Ala Gly	
20 25 30	
ccc ggg gag ggc cca gca gct gac ccg ctg cac caa gcc atg cgg gca	144
Pro Gly Glu Gly Pro Ala Ala Asp Pro Leu His Gln Ala Met Arg Ala	
35 40 45	
gct gga gat gag ttc gag acc cgc ttc cgg cgc acc ttc tct gat ctg	192
Ala Gly Asp Glu Phe Glu Thr Arg Phe Arg Arg Thr Phe Ser Asp Leu	
50 55 60	
gcg gct cag ctg cat gtg acc cca ggc tca gcc cag caa cgc ttc acc	240
Ala Ala Gln Leu His Val Thr Pro Gly Ser Ala Gln Gln Arg Phe Thr	
65 70 75 80	
cag gtc tcc gac gaa ctt ttt caa ggg ggc ccc aac tgg ggc cgc ctt	288
Gln Val Ser Asp Glu Leu Phe Gln Gly Gly Pro Asn Trp Gly Arg Leu	
85 90 95	
gta gcc ttc ttt gtc ttt ggg gct gca ctg tgt gct gag agt gtc aac	336
Val Ala Phe Phe Val Phe Gly Ala Ala Leu Cys Ala Glu Ser Val Asn	
100 105 110	
aag gag atg gaa cca ctg gtg gga caa gtg cag gag tgg atg gtg gcc	384
Lys Glu Met Glu Pro Leu Val Gly Gln Val Gln Glu Trp Met Val Ala	
115 120 125	
tac ctg gag acg cgg ctg gct gac tgg atc cac agc agt ggg ggc tgg	432
Tyr Leu Glu Thr Arg Leu Ala Asp Trp Ile His Ser Ser Gly Gly Trp	
130 135 140	
gcg gag ttc aca gct cta tac ggg gac ggg gcc ctg gag gag gcg cgg	480
Ala Glu Phe Thr Ala Leu Tyr Gly Asp Gly Ala Leu Glu Glu Ala Arg	
145 150 155 160	
cgt ctg cgg gag ggg aac tgg gca tca gtg agg aca gtg ctg acg ggg	528
Arg Leu Arg Glu Gly Asn Trp Ala Ser Val Arg Thr Val Leu Thr Gly	
165 170 175	
gcc gtg gca ctg ggg gcc ctg gta act gta ggg gcc ttt ttt gct agc	576
Ala Val Ala Leu Gly Ala Leu Val Thr Val Gly Ala Phe Phe Ala Ser	
180 185 190	
aag tgaa	583
Lys	

Figure 9A

atg gcg acc cca gcc tca acc cca gac aca cgg gct cta gtg gct gac	48
Met Ala Thr Pro Ala Ser Thr Pro Asp Thr Arg Ala Leu Val Ala Asp	
1 5 10 15	
ttt gta ggc tat agg ctg agg cag aag ggt tat gtc tgt gga gct ggc	96
Phe Val Gly Tyr Arg Leu Arg Gln Lys Gly Tyr Val Cys Gly Ala Gly	
20 25 30	
cct ggg gaa ggc cca gcc gcc gac ccg ctg cac caa gcc atg cgg gct	144
Pro Gly Glu Gly Pro Ala Ala Asp Pro Leu His Gln Ala Met Arg Ala	
35 40 45	
gct gga gac gag ttt gag acc cgt ttc cgc cgc acc ttc tct gac ctg	192
Ala Gly Asp Glu Phe Glu Thr Arg Phe Arg Arg Thr Phe Ser Asp Leu	
50 55 60	
gcc gct cag cta cac gtg acc cca ggc tca gcc cag caa cgc ttc acc	240
Ala Ala Gln Leu His Val Thr Pro Gly Ser Ala Gln Gln Arg Phe Thr	
65 70 75 80	
cag gtt tcc gac gaa ctt ttc caa ggg ggc cct aac tgg ggc cgt ctt	288
Gln Val Ser Asp Glu Leu Phe Gln Gly Gly Pro Asn Trp Gly Arg Leu	
85 90 95	
gtg gca ttc ttt gtc ttt ggg gct gcc ctg tgt gct gag agt gtc aac	336
Val Ala Phe Phe Val Phe Gly Ala Ala Leu Cys Ala Glu Ser Val Asn	
100 105 110	
aaa gaa atg gag cct ttg gtg gga caa gtg cag gat tgg atg gtg gcc	384
Lys Glu Met Glu Pro Leu Val Gly Gln Val Gln Asp Trp Met Val Ala	
115 120 125	
tac ctg gag aca cgt ctg gct gac tgg atc cac agc agt ggc ggc tgg	432
Tyr Leu Glu Thr Arg Leu Ala Asp Trp Ile His Ser Ser Gly Gly Trp	
130 135 140	
gcg gag ttc aca gct cta tac ggg gac ggg gcc ctg gag gag gca cgg	480
Ala Glu Phe Thr Ala Leu Tyr Gly Asp Gly Ala Leu Glu Glu Ala Arg	
145 150 155 160	
cgt ctg cgg gag ggg aac tgg gca tca gtg agg aca gtg ctg acg ggg	528
Arg Leu Arg Glu Gly Asn Trp Ala Ser Val Arg Thr Val Leu Thr Gly	
165 170 175	
gcc gtg gca ctg ggg gcc ctg gta act gta ggg gcc ttt ttt gct agc	576
Ala Val Ala Leu Gly Ala Leu Val Thr Val Gly Ala Phe Phe Ala Ser	
180 185 190	
aag tga	582
Lys	

Figure 9B

	A	S1				
Bclw	MATPASTH	DT RALVAD	FVG Y KLRQKGY	VCG	AGPGEGPAAD	PLHQAMRAAG 5 0
Bclw-Rox	MATPASTH	DT RALVAD	FVG Y KLRQKGY	VCG	AGPGEGPAAD	PLHQAMRAAG 5 0
				S2		
Bclw	DEFETRFRRT	FSDLAAQLHV	TPGSAQQR	FT QVSDEL	FQGG PNWGRLVAFF 1 0 0	
Bclw-Rox	DEFETRFRRT	FSDLAAQLHV	TPGSAQQR	FT QVSDEL	FQGG PNWGRLVAFF 1 0 0	
		E		S3		
Bclw	VFGA	ALCAES VNKEMEPLVG	QVQDWMVAYL	ETRLAD	WIHS SGGWAEFTAL 1 5 0	
Bclw-Rox	VFGA	ALCAES VNKEMEPLVG	QVQDWMVAYL	ETRLAD	WIHS SGGWELEAIK 1 5 0	
					▲	
Bclw	YGD	GALEEAR RLREGNWASV	RTVLTGAVAL	GALVTVGAF	ASK* 1 9 3	
Bclw-Rox	ARVREME	EEEE EKLKELQNEV	EKQMNMSPPP	GNAGPVMISL	EEKMEADARS 2 0 0	
Bclw-Rox	IYVG	NVDYGA TAELEAHFH	GCGSVNRVTI	LCDKFSGHPK	GFAYIEFSDK 2 5 0	
Bclw-Rox	ESVRTSL	LALD ESLFRGRQIK	VIPKRTNRPG	ISTTDRGFPR	SRYRARTTNY 3 0 0	
Bclw-Rox	NSSRSRF	YSG FNSRPRGRIY	RGRARATSWY	SPY*	3 3 3	

FIGURE 1

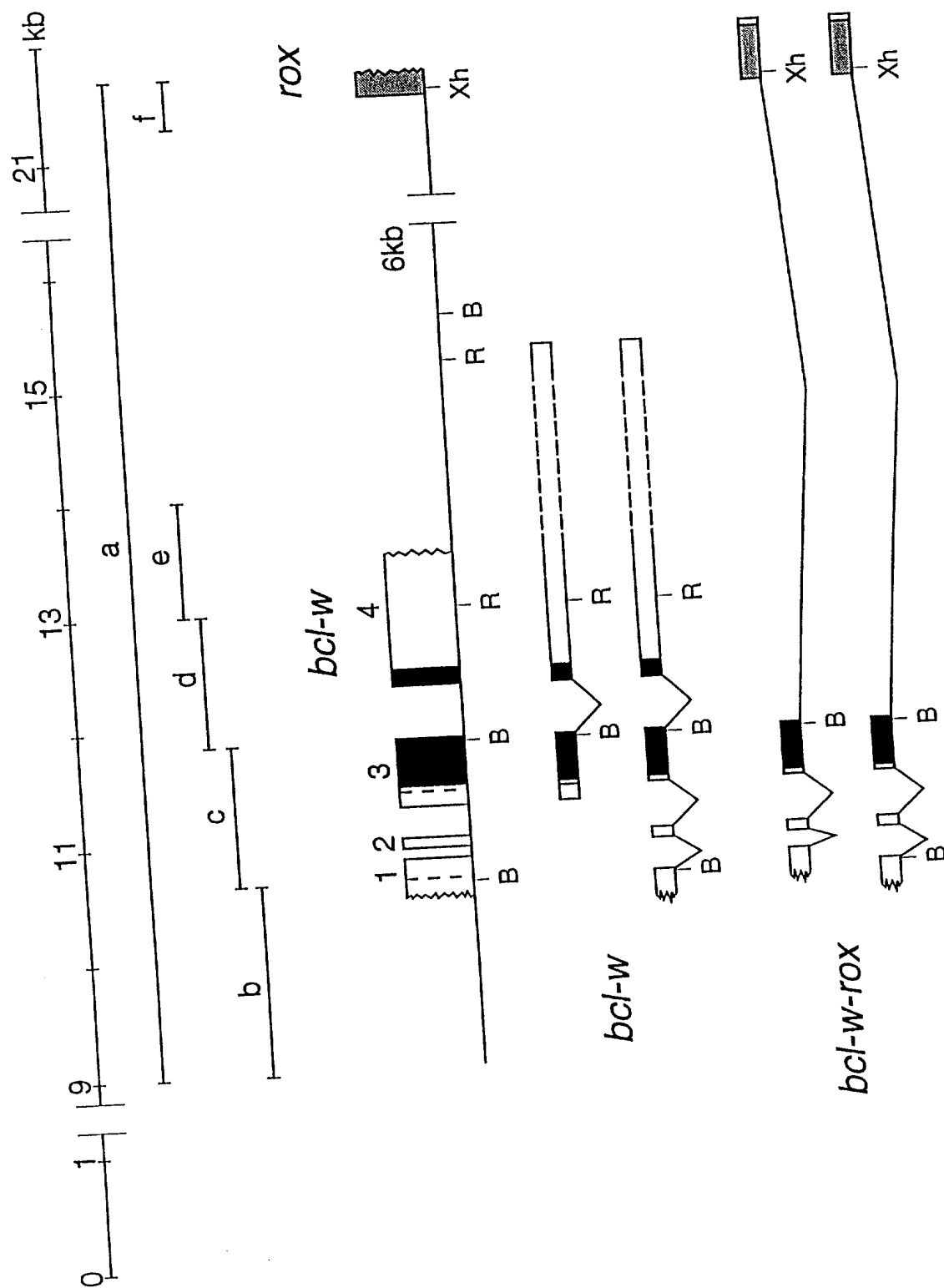


FIGURE 2

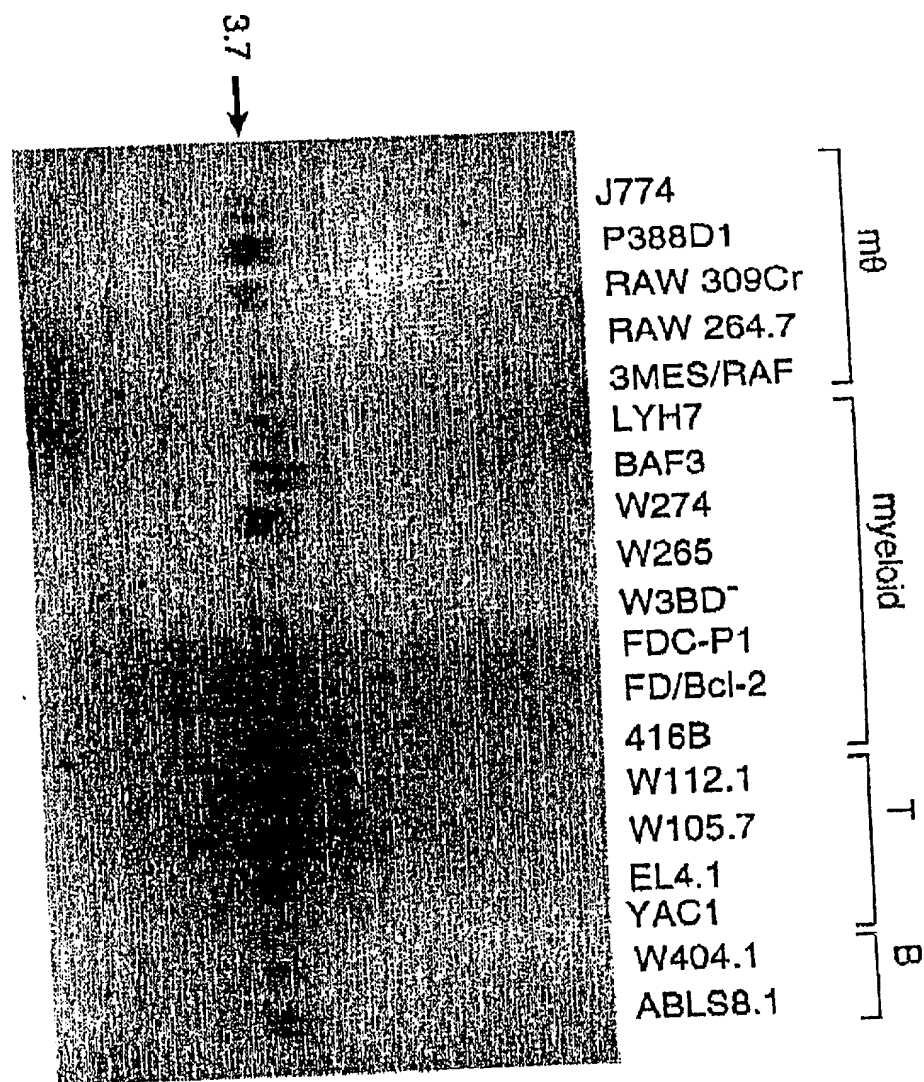


FIGURE 3

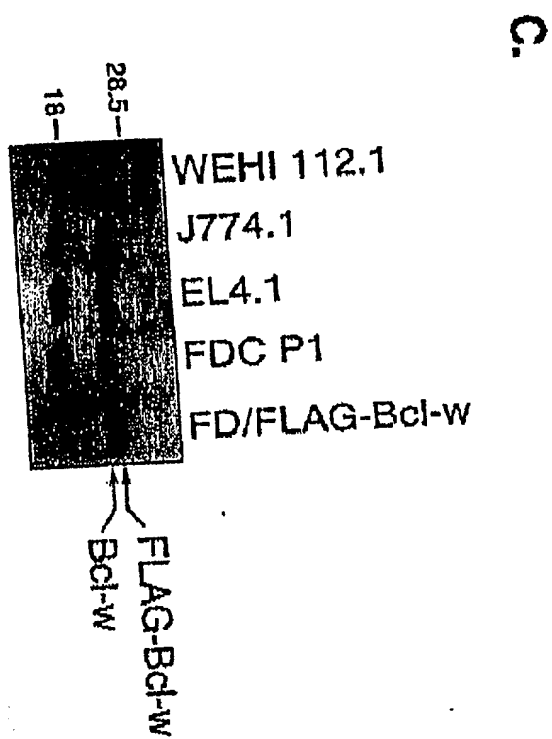
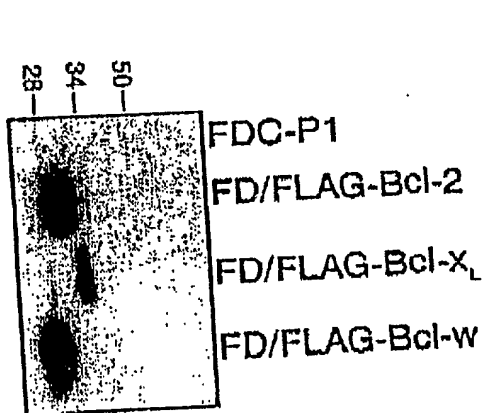
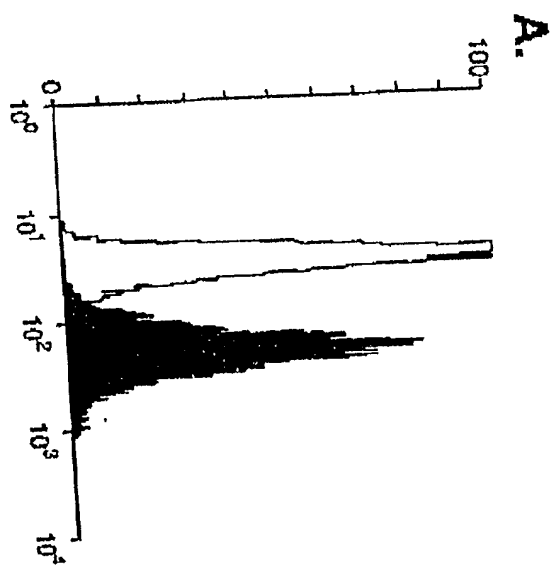
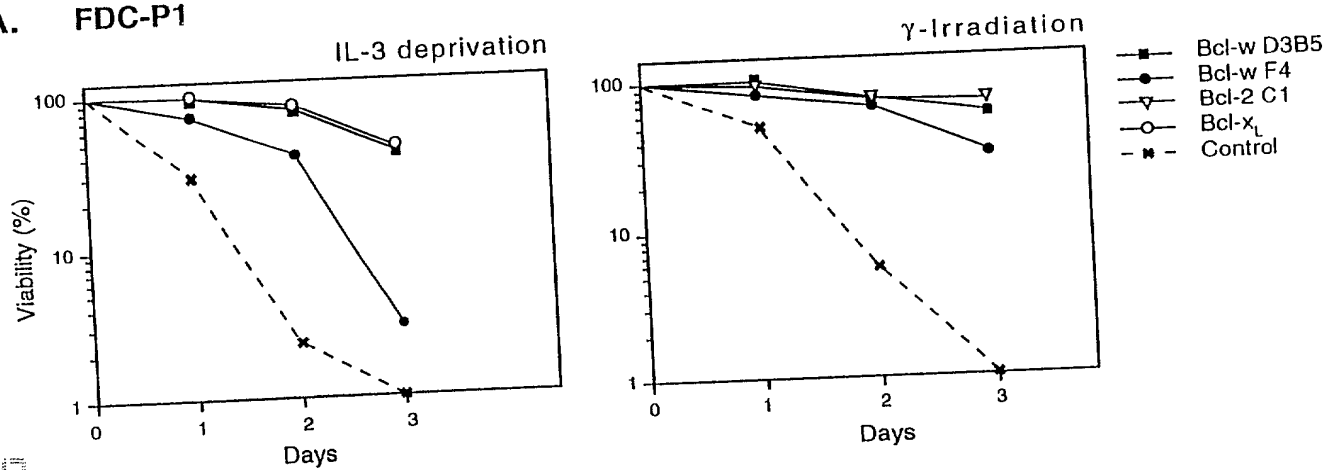


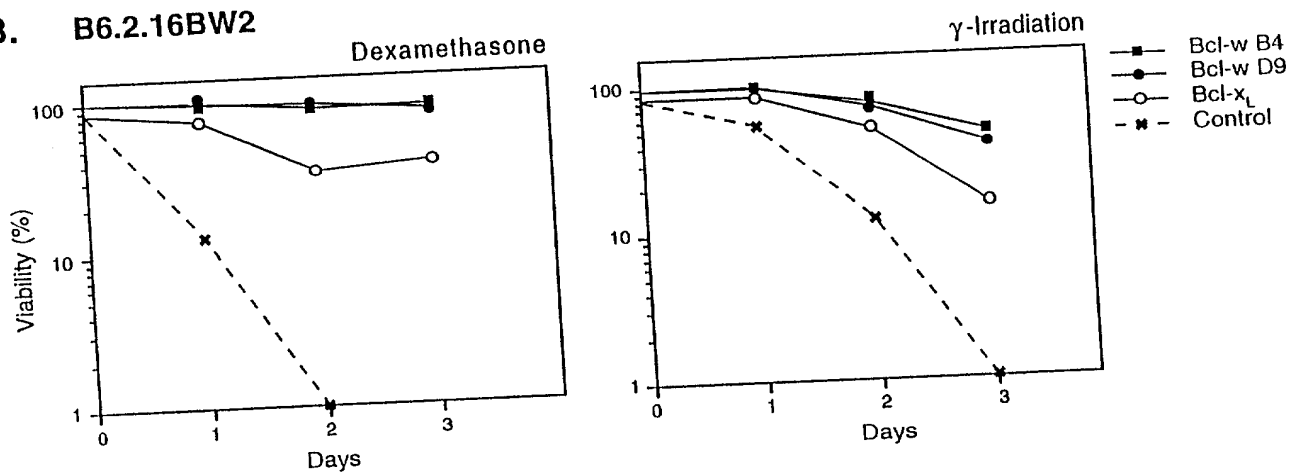
FIGURE 4



# **A. FDC-P1**



# **B. B6.2.16BW2**



# **C. CH1**

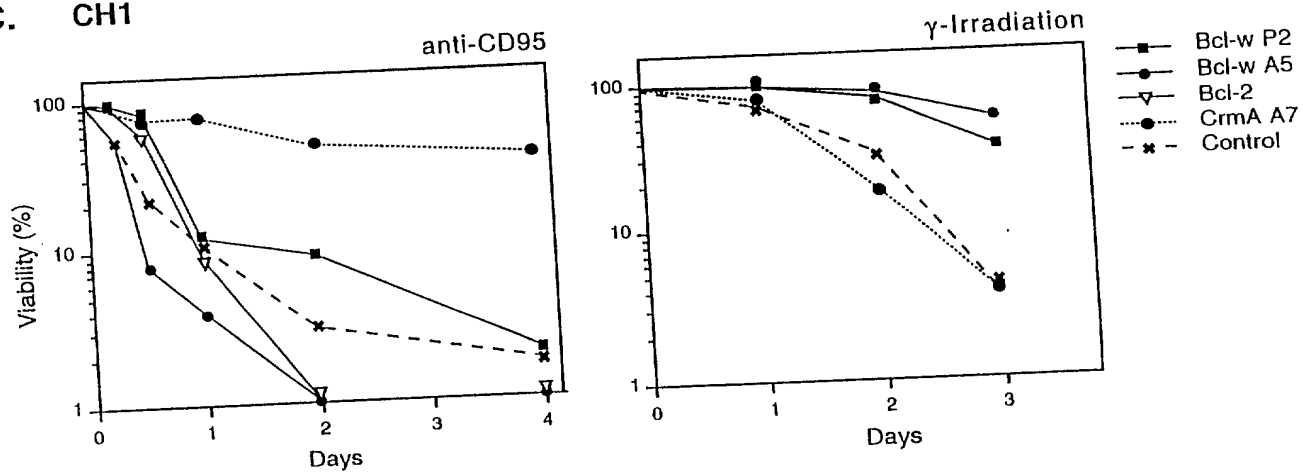


FIGURE 5

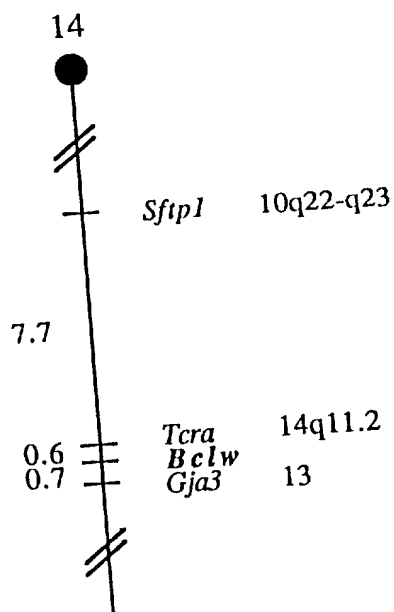
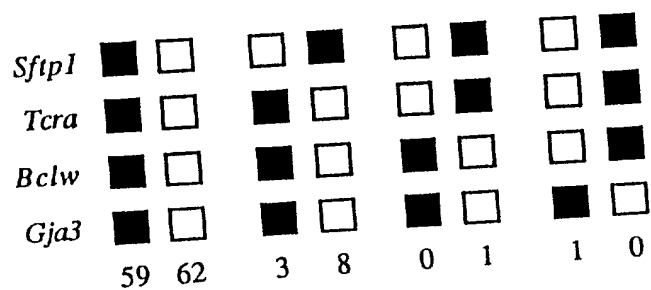


FIGURE 6

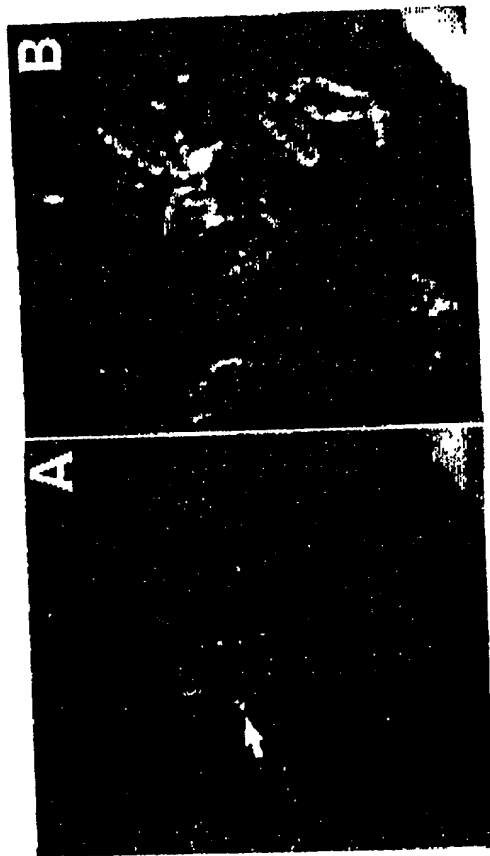


FIGURE 7

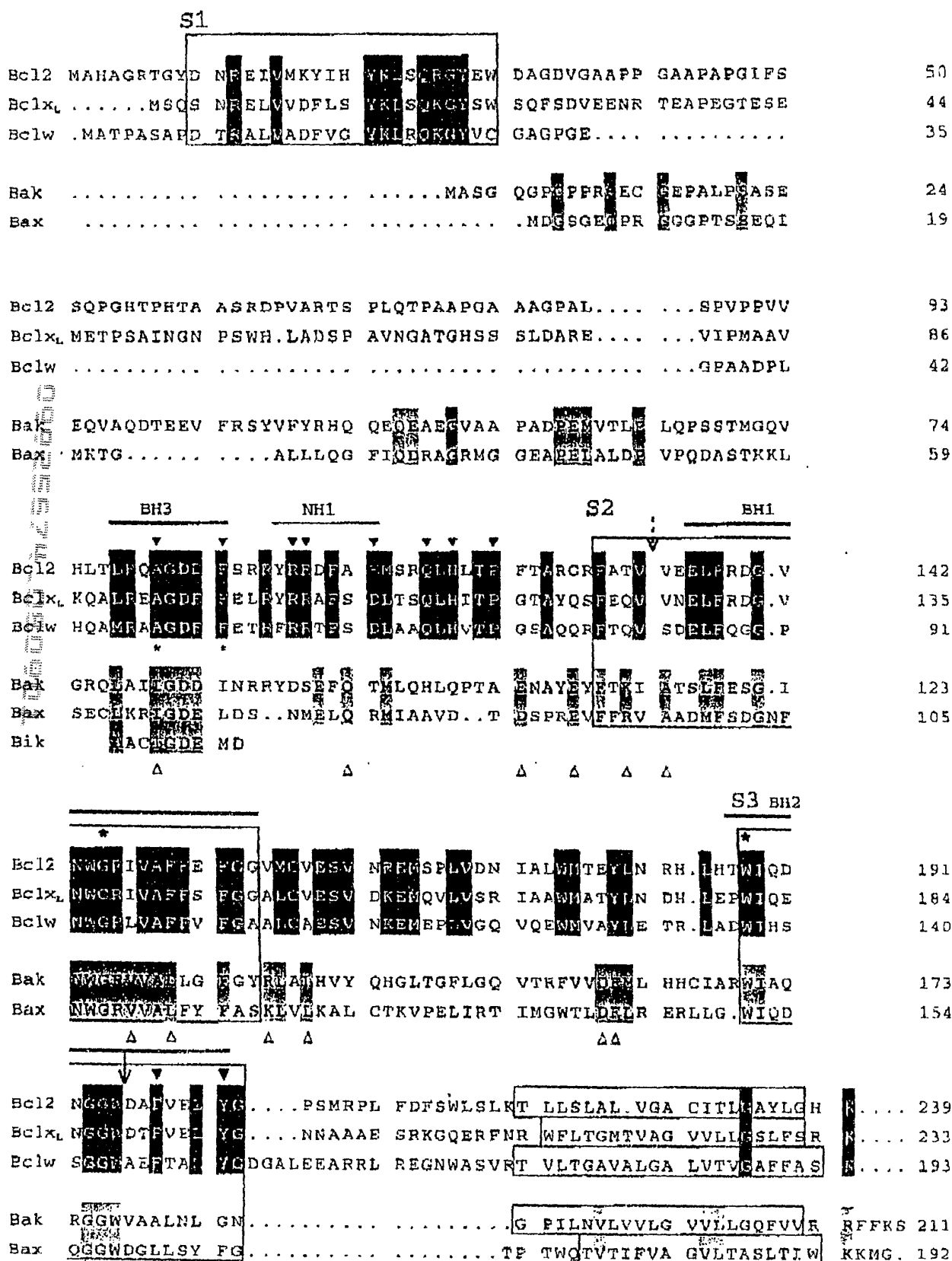


FIGURE 8

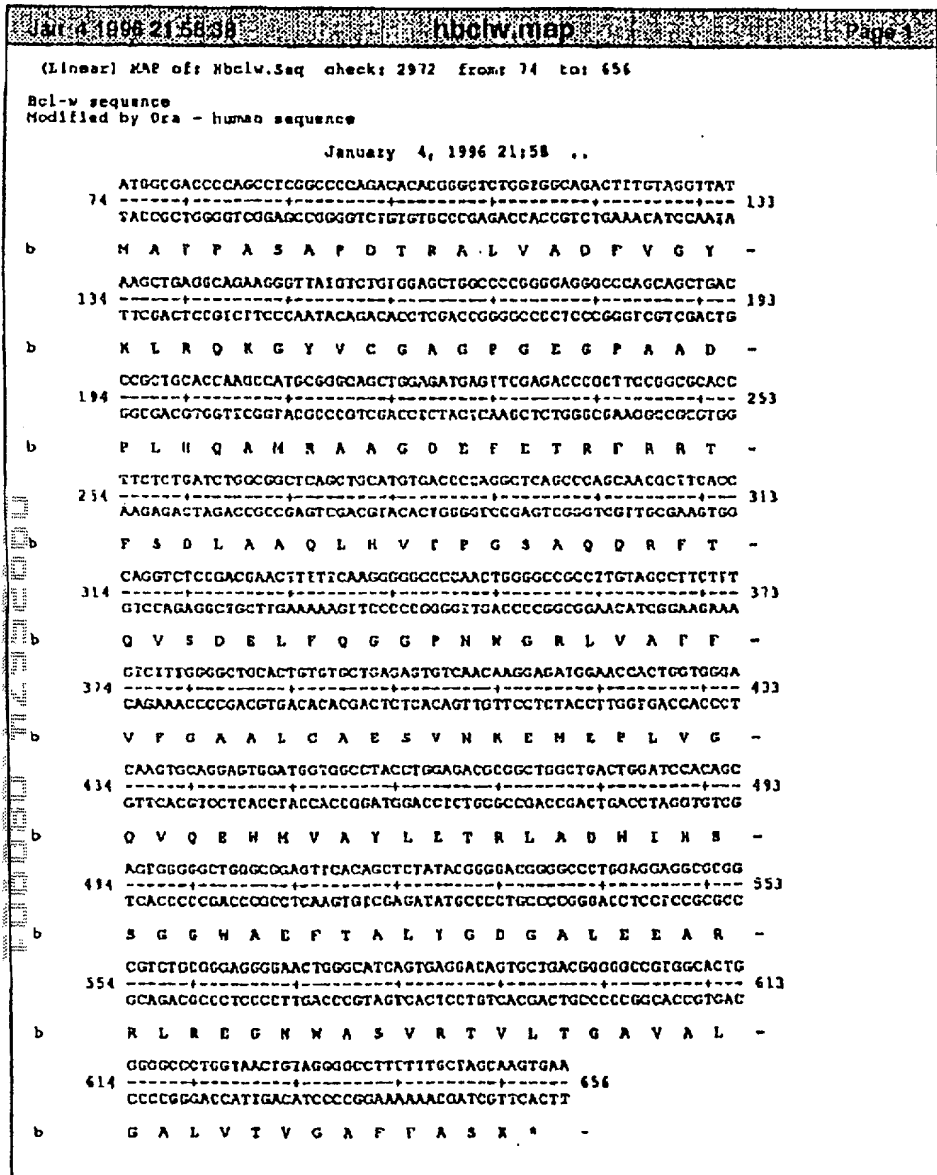


FIGURE 9A

Feb 12 1996 17:28:01

mbclw.map

Page 1

(Linear) MAP of: Mbclw.Seq check: 379 From: 221 to: 808

Sequence of BCLGA (Green) clones from Baf3 library

February 13, 1996 17:28 ..

```
227 ATGGGACCCAGCCCTCAACCCAGACACAGGCGCTCTAGTGGCTGACTTTGTAGGCTAT 286
TACCGCTGGGGTCGGAGCTTGGGCTCTGTGTCCCGAGATCACCGACTGAAACATCCGATA
b M A T P A S T F D T A A L V A D F V G Y -
287 AAGCTGAGGCAGAGGGTTATGTCTGTGGAGCTGCCCTGGGGAAGGCCAGCGCCGAC 346
TTCGACTCGGCTCTCCCAATACAGACACCTCGACCGGGAGCCCTTCGGGTCGGCGGCTG
b K L R Q K G Y V C G A Q P G L G P A A D -
347 CCGCTGCACCAAGCCATGCCGGCTGCTGGAGACGAGTTTGAACCCGTTTCGCGCGACC 406
GGCGACGTGGCTTCGGTACCGCCGACGACCTCTGCTCAAACTCTGGGCAAGGCGCGTGG
b P L K Q A H R A A G D E F E T A F R R T -
407 TTCTCTGAGCTGGCGCTCAGGTACAGGTCAGCCGAGGCTCAGCCAGCAAGGCTTACG 466
AAGAGACTGGACCGCGAGTCGATGTCCACGCGGCTCCGAGTGGGTCGTTTGGAGTGG
b F S D L A A Q L H V T F G S A Q Q R T T -
467 CAGGTTTCCGACGAACCTTTTCAAGGGGCGCTTAAGTGGGCGGCTCTGTGGCTTCCTT 526
CTCCAAAGGCTCTGTGAAAGGTTCCCGCGGATGACCCCGCAGAACCGGTAAGAA
b Q V S D E L F Q G G P N H G R L V A F F -
527 GTCCTTGGGCTGCGCTGTGTGCTGAGAGTGTCAACAAAGAAATGGAGCCCTTGGTGGA 586
CAGAAACCCCGACGGGACACAGGACTTTCACAGTGTGTTTCTTACCTCGGAACCCCT
b V F G A A L C A E S V N K E H E P L V G -
587 CAAGTGCAGGATGGATGCTGCGCTACCTGGAGACAGCTTGGCTGACTGGATCCACAGC 646
GTTCACGTCTTAACCTACACCGGATGGACCTCTGTGAGACCGGACTGACCTAGGCTCG
b Q V C D W H V A Y L E T A L A D H I N B -
647 AGTGGGGCTGCGCGAGTTTACAGCTCTATACGGGACCGGGCCCTGGAGGACGACGG 706
TCACCCCGACCCGCCCAAGTGTGAGATATGCCCTCGCCCGGACCTCCCTCGGTCC
b S G G H A E F T A L Y G D G A L E L A R -
707 CGTCTCGGGAGGGGAAGTGGGATCAGTGAGGACAGTGTGACGGGGCCGCTGGCACTG 766
GCAGACCGCCCTCCCTTACCGGAGTGCACCTCTGACGACTGCTCCCGGCAACCGTAC
b R L R E G N H A S V R T V L T G A V A L -
GGGGCTCTGGTAAGTGTAGGGGCTTTTTCCTAGCAAGTGA
167 CCCCCGGACCAATGACATCCCCGAAAAAACGATCGTTCACT 808
b G A L V I V G A F F A S K * -
```

FIGURE 9B